Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 23 Jan 2022 until 23:59 on Monday 24 Jan 2022

Forecast Issued on Saturday 22 Jan 2022 at 13:27

Confidence: High for a rather cloudy westerly airstream which brings some rain from weakening fronts that reach from the northwest, but confidence lowering through the period on the detail of worst of conditions.

Headline for Sunday 23 Jan 2022: Rather cloudy with chance of some patchy rain at first. Largely dry later with brighter spells developing.

Mountain weather hazards on Sunday 23 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Dull	Cloudy	Cloudy
Precipitation probability							
20%	20%	20%	20%	20%	20%	20%	20%

Forecast for Sunday 23 Jan 2022

Weather: Rather cloudy through to mid-day with some patchy light rain, perhaps turning sleety across highest tops later in the morning. Largely dry for the thereafter with brighter spells increasingly likely towards late afternoon.

Chance of cloud free mountain/hill tops above 600m: 40% becoming 80% from afternoon.

Visibility: Good or very good becoming moderate or poor in light rain, drizzle, very low in snow and hill fog with bases occasional from 500m at first, infrequently so later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 23 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 W	8/12 W	7/11 SW	7/12 SW	11/15 SW	13/17 SW	13/18 SW	14/20 SW	16/22 SW
300	6/9 SW	5/8 SW	5/9 SW	5/10 S	9/13 SW	9/13 SW	7/13 SW	8/16 S	8/16 SW
Valley	3/9 SW	3/6 SW	2/8 S	3/9 S	7/12 SW	7/13 SW	5/13 SW	5/15 S	5/15 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-0	3/-0	2/-1	2/-2	2/-3	2/-4	0/-5	-0/-6	-0/-6
300	5/3	5/3	4/3	4/2	4/1	4/1	3/0	2/-1	2/-2
Valley	5/4	5/4	4/3	4/3	5/2	5/2	3/1	2/0	2/-1
Freezing Level*	1000m	1000m	900m	800m	800m	700m	600m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold in the wind chill at height, this coupled with hill fog initially will bring some difficult conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 22 Jan 2022	0mm	0.2mm	0.2mm

Forecast for Monday 24 Jan 2022

Weather: A mixed day with occasional brighter spells also some patchy light rain, this becoming most likely later in the day.

Maximum wind: West or southwest 15mph or less.

Chance of cloud free mountain/hill tops above 600m: 70% at first, becoming 40% later.

Visibility: Good or very good, becoming moderate or poor in rain, very low in hill fog with bases infrequently from 500m at first, occasionally so later.

Temperature: **Valleys:** Minus 2 Celsius rising to 8 Celsius during the afternoon
At 600m: Plus 1-2 Celsius
Freezing level: 700-800m

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